Amendments to the Specification:

Please replace paragraph [0053] with the following rewritten paragraph:

[0001]   If set Q is empty in step 520, then in step 540, a fourth set of types, set U', is determined, which is the set of all types to which there is any conversion from type X.   At the same time, in step 545, a fifth set, set V', of types is determined, which is the set of all types to which there is a widening any conversion from type Y. In step 550, a sixth set of types, set Q', is then determined. This set Q' includes all types which can result from evaluating the expression u' Bop v', where u' is an operand of a type included in set U', and v' is an operand of a type included in set V'. In step 560, the most encompassing type in set Q' is chosen as the target type.